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Amendment
Serial No. 10/706,494**IN THE CLAIMS***Please amend the claims as follows:*

1. (Currently Amended) A subscriber distribution system for distributing broadcasting data to subscribers through ~~ana~~ a subscriber network, the subscriber distribution system comprising:

a program id (PID) filter section for checking contents of an inputted MPEG2 multiple program transport streams (MPTS) frame and splitting the MPEG2 MPTS frame into a plurality of single program transport streams (SPTS);

a table regenerator for regenerating a program allocation table (PAT) and a program map table (PMT) that corresponds with the SPTS by changing contents in the PAT and the PMT;

~~ana~~ SPTS splitting and storing section for storing the SPTS at high speed in a memory area of a buffer, which is assigned to subscribers according to PIDs;

a subscriber distribution section for selecting the SPTS requested by subscribers and storing the SPTS in the memory area of the buffer assigned to subscribers; and

a control section receiving MPTS information from a higher network to provide MPTS information to the PID filter section and the table regenerator, receiving a request for a program from subscribers, and transferring the request to the subscriber distribution section.

2. (Original) The subscriber distribution system as claimed in claim 1, wherein a quantity of filters in the PID filter section corresponds to a quantity of SPTSs

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that the MPTS has been split into.

3. (Original) The subscriber distribution system as claimed in claim 1, wherein the control section receives program information requested by subscribers through a channel change protocol (CCP).

4. (Original) The subscriber distribution system as claimed in claim 1, wherein the SPTS splitting and storing section and the subscriber distribution section adopt a direct memory access (DMA) technique.

5. (Original) The subscriber distribution system as claimed in claim 1, wherein the PID filter section includes at least one PID filter for filtering a plurality of PIDs contained in the MPEG2 MPTS.

6. (Currently Amended) The subscriber distribution system as claimed in claim 1, further comprising a subscriber interface for converting the SPTS stored that ~~match~~matches with each subscriber into a stream to transmit the SPTS to each subscriber.

7. (Original) A method for distributing broadcasting data to subscribers through a subscriber network, the method comprising the steps of:

receiving an MPEG2 multiple program transport streams (MPTS) from a higher network and splitting an MPTS frame into a plurality of single program transport streams (SPTS) according to program identification (PID) obtained through MPTS information

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and MPTS table information;

regenerating a program allocation table (PAT) and a program mapping table (PMT) that corresponds with the SPTS by changing contents of the PAT and the PMT;

storing at least one SPTS corresponding to each subscriber as subscribers request a program; and

transmitting stored broadcasting data to each subscriber.

8. (Original) The method as claimed in claim 7, wherein a request for a program from subscribers is received through a channel change protocol (CCP).

9. (Original) The method as claimed in claim 7, further comprising the step of providing a one-to-one correspondence between a number of SPTSs and the number of PID filters required.